

## **Executive Order G-70-150-AE**

### **Marconi Commerce Systems Inc. (MCS) "Formerly Gilbarco" VaporVac Phase II Vapor Recovery System Equipment List**

*\*\* (See E. O. for specifics) \*\**

All system components are to be installed in accordance with manufacturers' instructions, and all applicable E.O.'s.

#### **Component Manufacturer/Model Identification Number**

##### **Nozzles Without Vapor Check Valves**

**A/L Ratio of 1.1 +/- 0.1**

Emco Wheaton A4500-xx

xx = 051 (15/16" OD spout, hold open latch (HOL))

052 (13/16" OD spout, HOL)

053 (15/16" OD spout, no HOL)

054 (13/16" OD spout, no HOL)

Husky V3 6201xxx without vapor valve

xxx= 049 (unleaded spout, HOL)

xxx= 089 (unleaded spout, no HOL)

OPW 11VAI-xx without vapor valve

xx = 22 (15/16" OD spout, hold open latch (HOL))

27 (13/16" OD spout, HOL)

42 (15/16" OD spout, no HOL)

47 (13/16" OD spout, no HOL)

##### **Nozzles With Vapor Check Valves**

**A/L Range of 1.0 +/- 0.1**

Catlow ICVN (with vapor valve and ECD)

Emco Wheaton A4505 (with vapor valve and Vapor Guard)

Husky V34 Model 6250 (with vapor valve and VSG)

OPW 12VW (with vapor valve and VEG)

**Fuel Splash Guards** Fuel splash guards are optional but, if used, must be the guards listed by the manufacturer for use with the nozzle. Splash guards shall be installed so they do not interfere with the operation of the VEG or VSG units. Local districts may require splash guards.

##### **Inverted Coaxial Hoses**

Catlow Vapor Mate

Dayco 7282 Superflex 2000, 7292 Superflex 4000, 7246 Flex-Ever Ultimate,

Or 7253BVD Flex-Ever Ultimate

Goodyear Flexsteel

GT Sales/Hewitt Superflex

Thermoid Hi-Vac, Hi-Vac S VST VSTaflex

VST VST-CIS

OR Any inverted coaxial hose which is CARB-certified for use with the MCS VaporVac system.

**Breakaway Couplings With A Vapor Poppet**

Catlow AV2001 (reconnectable), AVR200S (reconnectable), IVC200S

Emco Wheaton A5219-001 (reconnectable)

Husky 4034 (reconnectable), 5134 (reconnectable w/tool)

OPW 66CIP (reconnectable), 66CAS

Richards VA-50 (reconnectable), VA-50B (reconnectable), VA-60 (OPW 66ISU-5100)

VST-IS-SBK, VST-H-SBK

OR Any inverted coaxial breakaway with a vapor valve which is CARB-certified for use with the MCS VaporVac system.

**Breakaway/Hose Combinations**

VST-IS-BK (Breakaway includes a vapor poppet.)

OR Any inverted coaxial breakaway/hose combination with a vapor valve which is CARB-certified for use with the MCS VaporVac system.

**Swivels**

OPW 43-IS

Richards MFVA

Husky 4605

Catlow IC3

OR Any inverted coaxial swivel which is CARB-certified for use with the MCS VaporVac system.

**Breakaway/Swivel Combinations**

Richards STVA (OPW 66ISB-5100) (Breakaway includes a vapor poppet.)

OR Any inverted coaxial breakaway/swivel combination with a vapor valve which is CARB-certified for use with the MCS VaporVac system.

**Flow Control Units**

Catlow I10G-1A

Healy 1301M, 1302M, 5837

OPW 66FD

Richards FRVAD

Vapor Systems Technologies (VST)

OR Any inverted coaxial flow control unit which is CARB certified for use with the MCS VaporVac system.

**Breakaway/Flow Control Unit Combinations**

OPW 66FLB (Breakaway includes a vapor poppet.)

OR Any inverted coaxial breakaway/flow control unit combination with a vapor valve which is CARB certified for use with the MCS VaporVac system.

**Pressure/Vacuum Valves** (settings as specified below)

**(Only threaded on accepted in Arizona)**

OPW 523LP, 523LPS

Hazlett H-PVB-1 Gold label

Morrison Brothers 749CRB0600 AV

Husky 4620

OPW 523V

EBW 802-308, 802-309

OR Any CARB-certified valve with the following pressure and vacuum settings, in inches water column (wc):

Pressure: three plus or minus one-half inches (3.0 +/- 0.5") water column.

Vacuum: eight plus or minus two inches (8 +/- 2") water column.

**Vapor Pump**

Blackmer VGR 3/4

**Dispensers**

MCS (Gilbarco) Advantage Series B"XY" ("X" may be 0, 2, 4, 6, 7, 8, F, H, J, L, N, Q) ("Y" may be 0 through 9, A through P)

MCS (Gilbarco) Encore Series Model #'s Description:

NAO Encore 1 Grade Multi-hose

NA1 Encore 2 Grade Multi-hose

NA2 Encore 3 Grade Multi-hose

NA3 Encore 4 Grade Multi-hose

NG0 Encore 3 Grade Single-Hose

NG1 Encore 4 Grade Single-Hose plus 1

NJ0 Multi-hose Blender

NJ2 Multi-hose Blender plus 1

NL0 NL1 NL2 NL3 Encore X+1 Blender

NN0 NN1 NN2 NN3 Encore X+0 Blender

MCS (Gilbarco) Eclipse Series Model #'s Description:

EG0 Eclipse Single-hose

EL0 EL1 EL2 EL3 Eclipse X+1 Blender

EN0 EN1 EN2 EN3 Eclipse X+0 Blender

Schlumberger 4000 Series 4"ABC"- "YZ"- "S"-VG

("A" may be 1 through 4 and designates the number of products on the front side

"B" may be 0 through 4 and designates the number of products on the back side

"C" may be 0 through 3 and designates the number of hoses per side

"Y" may be 2 through 7 and designates computer options

"Z" may be A; D; or none and designates computer options

"S" may be B; L; R; -B-L; -B-R; -L-R; -B-L-R; or no characters and designates optional features VG designates the MCS VaporVac system)

**VaporVac Retrofit Assemblies**

CV00"XY"- "ZZ" ("X" may be 0 through 3 (for the Advantage Series "Y" may be 0 through 9 and MPD-1, 2/C, and 3) "Z" may be 0 through 9 and designates cosmetic features such as color)

**Phase I Product Adaptors**

Bravo B-70 B Swivel

OPW 61SA-1000 Rotatable

OPW 633LC Lock Clamp

CNI Locking Clamp, Part # 613BC

OR Any CARB-certified device which prevents loosening or overtightening of the Phase I product adaptor.

***(Note: Adaptors which can not be prevented from loosening or overtightening may only be used until December 31, 2003.)***

**Phase I Vapor Adaptors**

CNI Locking Clamp, Part # 611DB4AC

Bravo Swivel Vapor Adapter, B-75

OPW 633LC Lock Clamp

OR Any CARB-certified device which prevents loosening or overtightening of the Phase I vapor adaptor

***(Note: Adaptors which can not be prevented from loosening or overtightening may only be used until July 1, 2004.)***